USER GUIDE

AXIS T98A-VE Series

AXIS T98A15-VE Surveillance Cabinet
AXIS T98A16-VE Surveillance Cabinet
AXIS T98A17-VE Surveillance Cabinet
AXIS T98A18-VE Surveillance Cabinet

ENGLISH

Legal Considerations

Video and audio surveillance can be prohibited by laws that vary from country to country. Check the laws in your local region before using this product for surveillance purposes.

Equipment Modifications

This equipment must be installed and used in strict accordance with the instructions given in the user documentation. This equipment contains no user-serviceable components. Unauthorized equipment changes or modifications will invalidate all applicable regulatory certifications and approvals.

Liability

Every care has been taken in the preparation of this document. Please inform your local Axis office of any inaccuracies or omissions. Axis Communications AB cannot be held responsible for any technical or typographical errors and reserves the right to make changes to the product and documentation without prior notice. Axis Communications AB makes no warranty of any kind with regard to the material contained within this document, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Axis Communications AB shall not be liable nor responsible for incidental or consequential damages in connection with the furnishing, performance or use of this material. This product is only to be used for its intended purpose.

RoHS

This product complies with both the European RoHS directive, 2002/95/EC, and the Chinese RoHS regulations, ACPEIP.

WEEE Directive

The European Union has enacted a Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE Directive). This directive is applicable in the European Union member states. The WEEE marking on this product (see right) or its documentation indicates that the product must not be disposed of together with household waste. To prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area. Business users should contact the product supplier for information on how to dispose of this product correctly. This product should not be mixed with other commercial waste.

Support

Should you require any technical assistance, please contact your Axis reseller. If your questions cannot be answered immediately, your reseller will forward your queries through the appropriate channels to ensure a rapid response. If you are connected to the Internet, you can:

- download user documentation and firmware updates
- find answers to resolved problems in the FAQ database. Search by product, category, or phrases
- report problems to Axis support by logging in to your private support area

Safeguards

Please read through this User Guide carefully before installing the Axis product. Keep the User Guide for further reference.

NOTICE

- Only use applicable tools when installing the Axis product; excessive force could cause damage to the product.
- Do not use chemicals, caustic agents, or aerosol cleaners. Use a damp cloth for cleaning.
- Use only accessories that comply with technical specification of the product. These can be provided by Axis or a third party.

Important

- The Axis product should be installed by a trained professional. Observe relevant national and local regulations for the installation.

Transportation

NOTICE

- When transporting the Axis product, use the original packaging or equivalent to prevent damage to the product.

AXIS T98A-VE Series
User Guide

This User Guide provides instructions for installing AXIS T98A15-VE/T98A16-VE/T98A17-VE/ T98A18-VE Surveillance Cabinet.

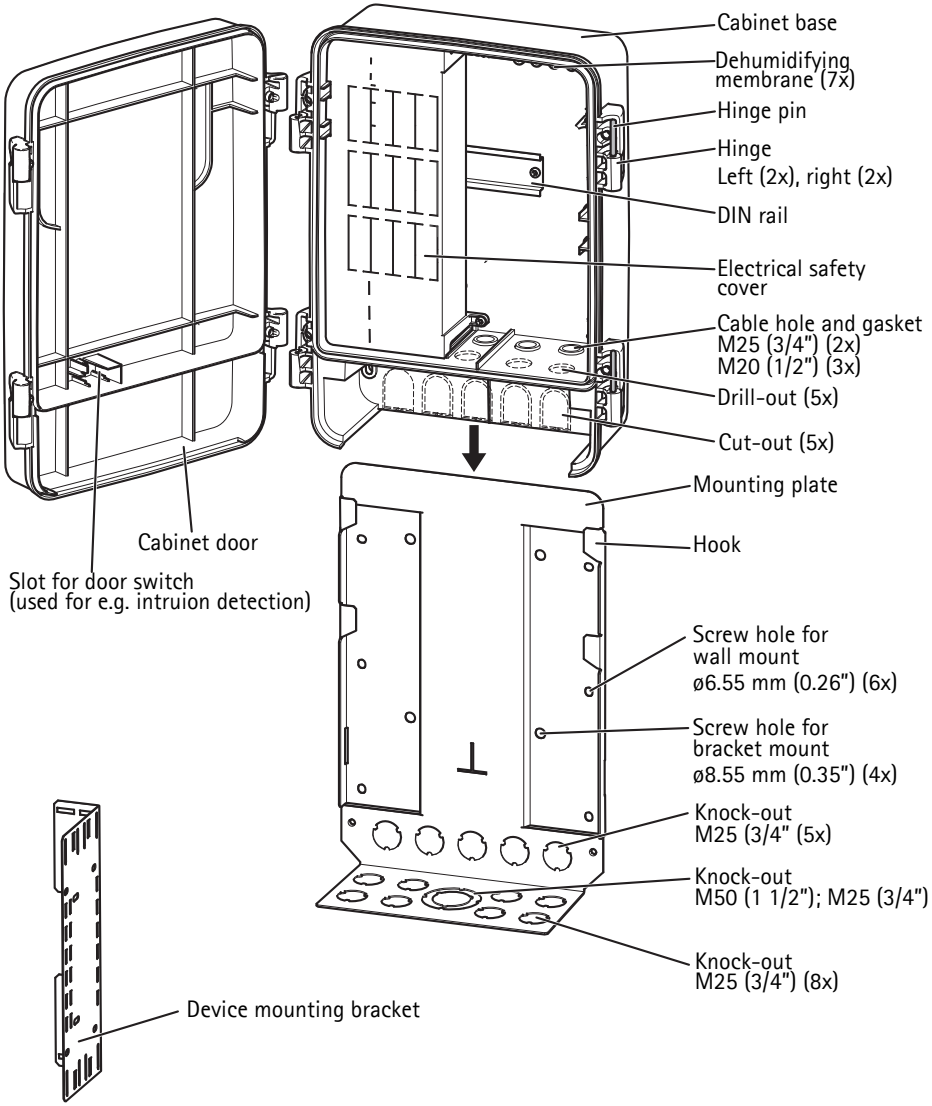
Installation Steps

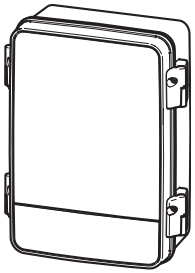
1. Check the package contents against the list below.
2. Hardware overview. See page 6.
3. Install the hardware. See page 9.
   - *Install the Mounting Plate*, see page 9
   - *Install the Cabinet Base*, see page 11.
   - *Connect the Cables*, see page 12.
   - *Attach the Sunshield (sold separately)*, see page 14.

1 Package Contents

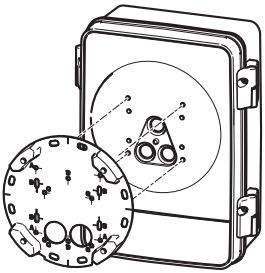
Item	Models/variants/notes	
Surveillance Cabinet	AXIS T98A15-VE, including screw kit	See illustrations on page 7
	AXIS T98A16-VE, including screw kit	
	AXIS T98A17-VE, including screw kit	
	AXIS T98A18-VE, including screw kit	
Printed materials	AXIS T98A-VE Series User Guide (this document) Axis Warranty Document	
Optional accessories	Sunshield Corner mount, pole mount Electrical safety kit 120/230 V AC, including door switch (for e.g. intrusion detection) Midspan Media converter switch Power supply See www.axis.com for information on available accessories	

2 Hardware Overview





AXIS T98A15-VE

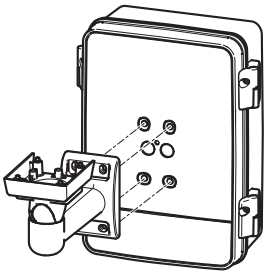


AXIS T98A16-VE (bracket sold separately)

Screw, T20 (4x)

Washer, T20 (4x)

Cable gasket (3x)

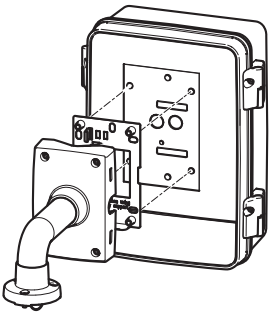


AXIS T98A17-VE (bracket sold separately)

Screw, T30 (4x)

Washer, T20 (4x)

Cable gasket (2x)



AXIS T98A18-VE (bracket sold separately)

Screw, T30 (6x)

Washer, T20 (6x)

Cable gasket (2x)

Cable tie (6x)

Cable clamp (1x)

Cable clamp (5x)

Cable clamp (2x)

Screw (12x)

Screw (2x)

Screw Torque Guide

Screw	Torque	
Secure cabinet base to mounting plate	3.0 Nm ±0.2	2.21 lb-ft ±0.15
Attach electrical safety cover to cabinet base	0.8 Nm ±0.1	0.59 lb-ft ±0.07
Attach cabinet door to cabinet base	3.5 Nm ±0.2	2.58 lb-ft ±0.15
Screws for attaching various items inside the cabinet	0.8 Nm ±0.1	0.59 lb-ft ±0.07
Attach network camera bracket to cabinet cover AXIS T98A16-VE	3.0 Nm ±0.2	2.21 lb-ft ±0.15
Attach network camera bracket to cabinet cover AXIS T98A17-VE	1.2 Nm ±0.2	0.89 lb-ft ±0.15
Attach network camera bracket to cabinet cover AXIS T98A18-VE	3.0 Nm ±0.2	2.21 lb-ft ±0.15

3 Install the Hardware

NOTICE

- The electrical connections shall be made by a certified electrician.
- To avoid condensation, do not assemble or disassemble the product during rain.

Note

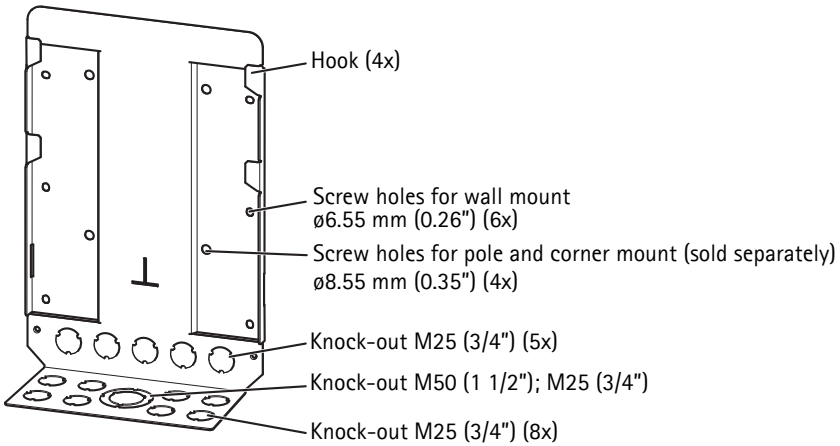
- The hinges have a stop that locks the cabinet door at 105°.
- The cabinet door can be left or right hinged; move the hinge pins to the preferred side.
- For easy installation, the cabinet door can be removed while installing the cabinet base.

Install the Mounting Plate

1. Install the selected mounting bracket (corner mount/pole mount – sold separately) according to the instructions supplied with the mounting bracket. If drilling is required, make sure to use drill bits, screws, and plugs that are appropriate for the material. See www.axis.com for information on available mounting accessories.
2. Remove knock-outs for the cables in the mounting plate as required.

Note

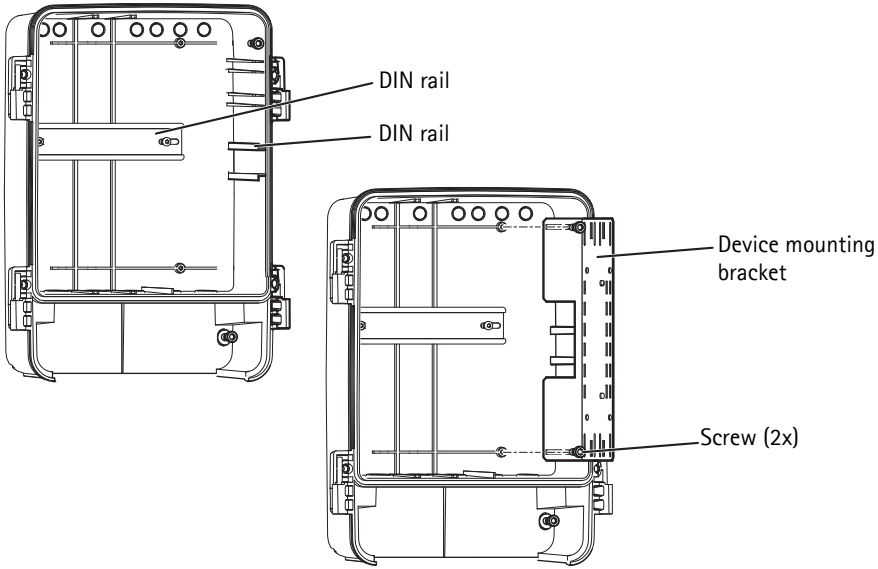
- For cables routed from below, use the bottom knock-outs. For cables routed from behind, use the rear knock-outs.
- To remove a knock-out, put a screwdriver blade against one of the knock-out tabs and strike the end of the screwdriver handle lightly with a hammer. Use pliers to break the rest of the tabs and remove the knock-out.


Hook (4x)
Screw holes for wall mount
ø6.55 mm (0.26") (6x)
Screw holes for pole and corner mount (sold separately)
ø8.55 mm (0.35") (4x)
Knock-out M25 (3/4") (5x)
Knock-out M50 (1 1/2"); M25 (3/4")
Knock-out M25 (3/4") (8x)

3. Mount the mounting plate on the wall or the selected bracket.

Install the Devices

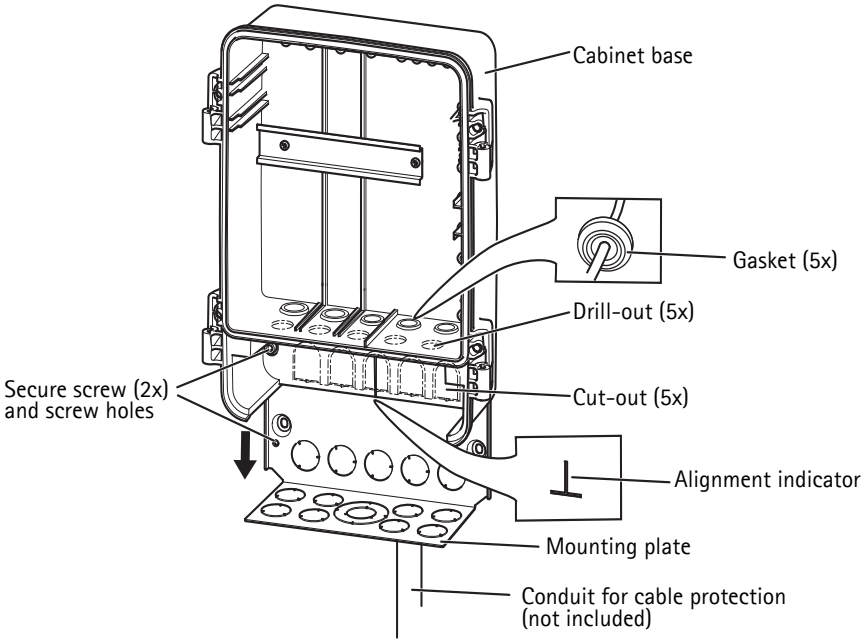
1. The included device mounting bracket can be used for attaching devices such as power supplies or midspans. Attach these devices to the device mounting bracket with the supplied cable ties or attached them to the DIN rail in the cabinet.
2. If applicable, attach the device mounting bracket to the cabinet base using the supplied screws.



3. Snap on the other devices required for the installation, for example an electrical safety kit (sold separately), surge protectors, or switches to the DIN rail according to the manufacturers' instructions. Additional DIN rails (not included) can be attached to the cabinet as required.

Install the Cabinet Base

1. If required, open drill-outs or cut-outs for extra cable holes in the cabinet base. Markings indicate where these cable holes can be drilled or cut out.



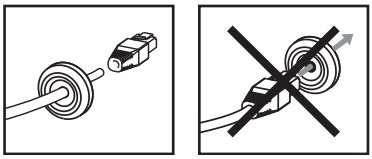
2. Hang the cabinet base on the hooks of the mounting plate. Align the lower end of the cabinet with the alignment indicator for easy access while connecting the cables.
3. Connect the cables, see page 12.
4. Slide the cabinet base to the bottom position and secure it to the mounting plate with the secure screws (torque 3.0 Nm ±0.2).

Connect the Cables

⚠DANGER

The electrical connections and conduit installations shall be made by a certified electrician and in compliance with local regulations.

To prepare a cable with a gasket, gently force the cable through the gasket provided and attach the appropriate connector. It may be necessary to pierce a hole in the gasket with a screwdriver.



NOTICE

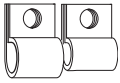
- Do not force the connector into the gasket.
- Do not pierce the gasket with a knife or other sharp object.

1. Route the cables required for the installation through conduits (not included), cable gaskets and cable holes.
2. Attach the cable gaskets to the cable holes.

NOTICE

Cable gaskets shall be attached to all open cable holes in the cabinet base to maintain the product's IP rating. If the holes are not sealed, water may seep into the cabinet and cause damage to the devices inside.

3. Connect the cables to and between the devices, except the power supply, according to the manufacturers' instructions. Use the supplied cable clamps to keep the cables organized. If installing an Axis network camera on the door, refer to *Install an Axis Network Camera (sold separately),* on page 14.

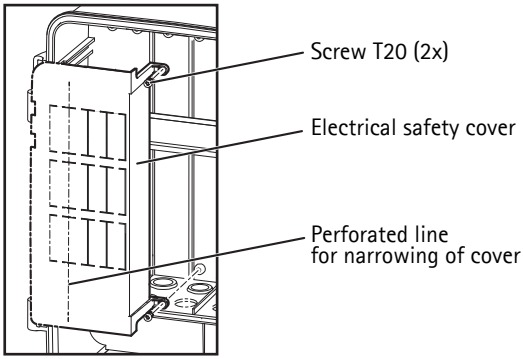


⚠DANGER

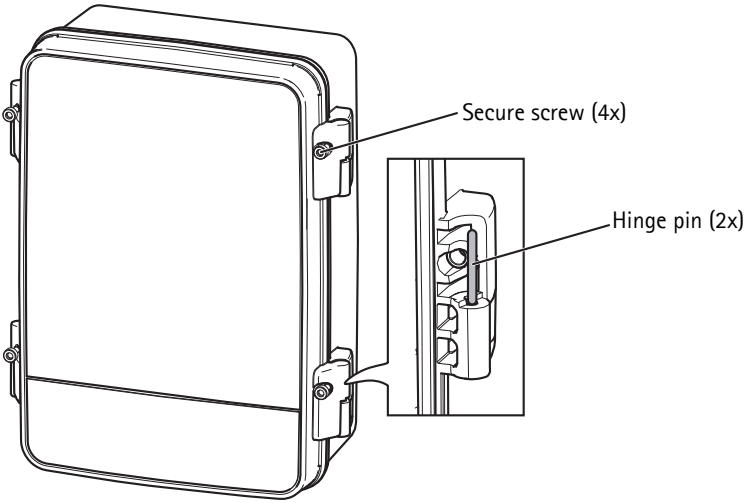
The power supply shall always be connected to the mains supply at the end of the installation.

4. If required, narrow the supplied electrical safety cover by cutting along the perforated line.
5. Open slots in the electrical safety cover as required by breaking the tabs.
6. Connect the power supply to the mains supply.

7. Attach the electrical safety cover using the supplied screws (torque 0.8 Nm ±0.1).



8. Switch on the mains supply.
9. Move the hinge pins to the preferred side and hang the door on the hinges.
10. Close the cabinet door and secure it with the secure screws (torque 3.5 Nm ±0.2).



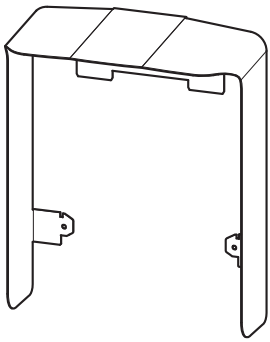
Install an Axis Network Camera (sold separately)

1. If applicable, route the required cables through the camera bracket.
2. Route the required cables trough the supplied cable gaskets. See *Connect the Cables,* on page 12 for instructions on how to prepare a cable with a gasket.
3. Attach the cable gaskets to the cable holes in the cabinet door.
4. Connect the cables between the camera and the devices as required.
5. If available, use the safety wire to prevent the camera from falling.
6. Attach the camera to the cabinet door or, if applicable, to the camera bracket. See the screw torque guide on page 8.

For more information on how to install Axis network products, please refer to the Installation Guide supplied with the product or available from www.axis.com

Attach the Sunshield (sold separately)

Attach the sunshield (sold separately) according to the supplied instructions. The sunshield protects the cabinet from sunlight and rain.



Technical Specifications

Function/group	Item	Specifications
Surveillance Cabinet	Model	AXIS T98A15-VE AXIS T98A16-VE AXIS T98A17-VE AXIS T98A18-VE
General	Casing	Polycarbonate
	Environment	Indoor/outdoor
	Operating conditions	-40 °C to +75 °C (-40 °F to 167 °F) Humidity 15 – 100% RH (condensing)
	Approvals	IEC 60068-2-6, IEC 60068-2-27 IEC 60529 IP66, IEC 62262 IK10
	Weight	2.4 kg (5.1 lb.) AXIS T98A16-VE, AXIS T98A18-VE: 2.5 kg (5.5 lb.)
	Dimensions	120 mm x 161 mm x 404 mm (4.7" x 6.4" x 15.9")
	Included Accessories	Pre-mounted cable gaskets, pre-mounted DIN rail, mounting plate, cable clamps, cable straps, electrical safety cover, device mounting bracket, User Guide
	Optional Accessories	Corner bracket, pole mount bracket, sunshield, cable gasket, electrical safety kit, midspan, media converter switch, power supply

Further Information

Learn more!
Visit Axis learning center www.axis.com/academy for useful trainings, webinars, tutorials and guides.

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